## 5K. Port and bunkering infrastructure

## Summary of chapter findings and outcomes

 $\left(\right)$ 

• Overview of required port and bunkering infrastructure to meet the specific corridor's demand for alternative fuel (location, capacity, technologies)

02

<u>Technical feasibility</u> of alternative fuel bunkering, storage, and logistics connected to the green corridor ports, including:

- Potential for conversion/retrofitting of infrastructure for alternative fuels
- Logistics solution for transporting alternative fuel to storage sites
- Potential availability of land for new infrastructure (if required)
- Operational capacity based on fuel type (e.g., required skills to handle fuel)

03

<u>Regulatory feasibility</u>, including the ability to **store/bunker** fuel at green corridor ports; **health and safety guidelines** for storage, bunkering, logistics; and fuel handling **process definitions**, as well as measures to ensure a **just and equitable** development of the alternative fuel along the entire storage/bunkering process.

 $\bigcap \angle$ 

Cost assessment for conversion/retrofitting and development of the infrastructure required for the specific green corridor, including:

- Resulting CapEx requirements
- OpEx costs (for storage tanks, ports, new bunkering barges, etc.)
- Opportunities to share bunkering and storage infrastructure based on demand from vessels outside the corridor
- Financing capacity and potential

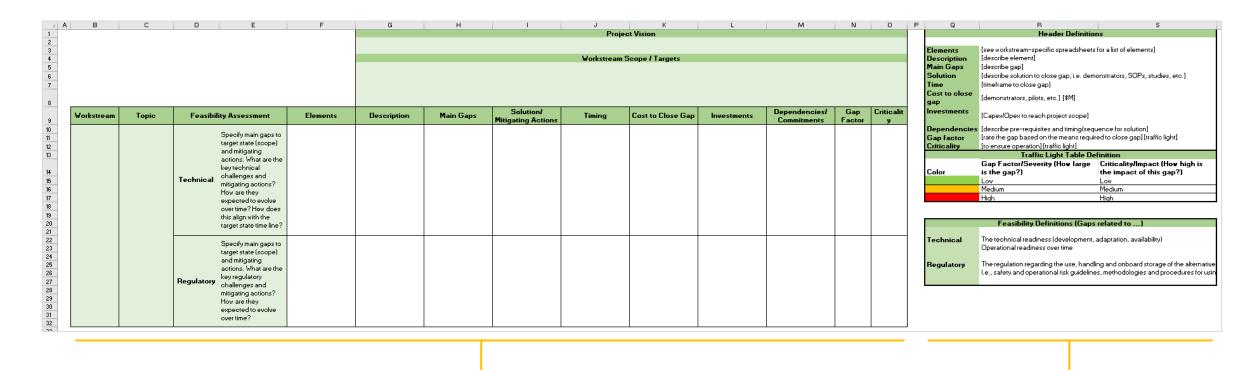
## Just & Equitable:

05

• An analysis from a J&E perspective will provide insights on how workers, communities and ecosystems might be affected by the development of fuel storage and bunkering facilities. There might be socio-economic opportunities and risks. It is important that work is done to maximize the opportunities and minimize the risks.



## Workstream gap analysis – Port and bunkering infrastructure



Throughout the Feasibility assessment, fill the table with insights on **technical and regulatory feasibility**<sup>4</sup> – specifically, use this table to highlight **gaps and ways to close them** 

Legend and definitions

